



GENERAL BULLETIN 655

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# FEEDING STUFFS REPORT

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FOR THE YEAR

1953

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## Commonwealth of Pennsylvania

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# Pennsylvania Department of Agriculture

W. S. HAGAR, *Acting Secretary*

## Bureau of Foods and Chemistry

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DELMAR K. MYERS, *Head Chemist*

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# Feeding Stuffs Report

1953

## Introduction

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs. Accordingly, during the year ending December 31, 1953, 591 official samples were obtained by agents of the Bureau of Foods and Chemistry throughout the Commonwealth. Of the total number of samples collected, 577 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled, giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1953 there were 162 special samples of feeding stuffs submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of such special samples submitted are not included in this report. The total number of official and special samples analyzed during the year 1953 was 739.

The 577 official samples analyzed were registered by 207 manufacturers and represented 22 classes and 534 brands as follows:

<i>Classes</i>	<i>Samples</i>
Alfalfa Products .....	6
Animal Products .....	10
Beet Products .....	1
Brewers' Products .....	1
Cottonseed Products .....	3
Linseed and Flax Products .....	2
Marine Products .....	3
Soybean Products .....	4
Wheat Products .....	3
Calf Feeds .....	9
Chop Feeds .....	6
Dairy Concentrates .....	26
Dairy Feeds .....	107
Horse Feeds .....	4
Poultry Concentrates .....	7
Poultry Feeds .....	234
Scratch Feeds .....	4
Small Animal Feeds .....	52
Steer Feeds .....	3
Swine Concentrates .....	6
Swine Feeds .....	79
Miscellaneous Feeds .....	7
Total .....	577

## Brands Registered

Each brand of feeding stuffs is required to be registered annually. Application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each .....	\$ 5.00
Over 150 tons to 300 tons, each .....	10.00
Over 300 tons to 500 tons, each .....	15.00
Over 500 tons, each .....	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5.00 each, it being unnecessary to submit a tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1953 sales, 7,152 brands of feeding stuffs were registered and 1,395 licenses were issued to 1,082 manufacturers.

## Conclusions

Of the 577 official samples analyzed, 42 or 7.28 per cent were deficient in protein or fat or contained fiber in excess of the tolerances provided; 11 samples or 1.91 per cent were found deficient in protein; 19 or 3.29 per cent deficient in fat; and 12 or 2.08 per cent exceeded guarantees for fiber.

Consumers of feeding stuffs purchase the products under certain guarantees and labeling, and naturally expect that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the Director, Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSIS  
AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	PROTEIN %	FAT %	FIBER %	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Alfalfa Meal	6	5	6	19.46	3.24	28.68	56.66	---	---	---
Blood Meal	1	1	1	80.38	0.63	0.84	104.35	---	---	---
Digester Tankage	1	1	1	58.06	16.38	3.15	93.00	---	---	---
Meat and Bone Scrap	1	1	4	47.49	9.50	1.74	88.75	---	---	---
Meat Meal	4	3	4	52.83	11.68	1.65	88.75	---	---	---
Dried Beet Pulp	1	1	1	8.63	1.06	19.70	---	---	---	---
Brewers' Dried Grains	1	1	1	28.69	7.46	13.62	70.00	---	---	---
Cottonseed Meal	3	3	3	40.40	5.14	12.77	88.66	1	---	---
Linseed Oil Meal	2	2	2	36.88	1.68	8.76	84.25	---	---	---
Fish Meal	3	2	3	59.54	4.04	0.74	143.66	---	---	---
Soybean Oil Meal	4	4	4	43.31	2.08	5.35	100.61	1	---	---
Wheat Bran	2	2	2	17.82	3.74	8.84	61.50	---	---	---
Wheat Middlings	1	1	1	14.31	2.83	2.04	70.00	---	---	---
Calf Feeds	9	7	9	21.42	3.45	6.48	115.93	---	---	---
Chop Feeds	6	6	6	11.08	3.69	7.65	71.83	2	---	---
Dairy Concentrates	26	25	26	33.54	2.77	6.86	92.30	2	9	2
Dairy Feeds	107	96	107	19.12	3.67	7.71	80.16	---	4	---
Horse Feeds	4	4	4	11.38	3.60	6.86	81.00	---	---	---
Poultry Concentrates	7	6	7	37.16	3.28	6.00	110.29	---	---	5
Poultry Feeds	234	213	234	21.38	3.91	5.81	94.65	---	1	---
Scratch Feeds	4	4	4	11.60	3.25	2.98	86.50	---	---	---
Cat Foods	3	2	3	15.47	0.93	0.36	---	---	---	---
Dog Foods	30	30	30	18.48	6.33	1.55	---	2	1	---
Pigeon Feeds	17	17	17	15.15	3.02	3.04	129.00	---	---	---
Rabbit Feeds	2	2	2	19.60	3.87	11.99	112.50	---	---	---
Steer Feeds	3	2	3	27.29	2.98	6.12	98.80	---	---	---
Swine Concentrates	6	6	6	39.27	3.72	5.49	102.50	1	4	1
Swine Feeds	79	77	79	17.81	3.87	6.17	84.90	2	---	4
Miscellaneous Feeds	7	7	7	19.47	2.54	7.10	90.43	---	---	---
TOTAL	577	534	577	---	---	---	---	11	19	12

## **Key to Table II Showing Analyses of Official Samples**

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and sub-headings:

### **Feeding Stuffs Ingredients:**

ALFALFA PRODUCTS, including Alfalfa Meal.

ANIMAL PRODUCTS, including Blood Meal, Digester Tankage, Meat and Bone Scrap and Meat Meal.

BEET PRODUCTS, including Dried Beet Pulp.

BREWERS' PRODUCTS, including Brewers' Dried Grains.

COTTONSEED PRODUCTS, including Cottonseed Meal.

LINSEED AND FLAX PRODUCTS, including Linseed Oil Meal.

MARINE PRODUCTS, including Fish Meal.

SOYBEAN PRODUCTS, including Soybean Oil Meal.

WHEAT PRODUCTS, including Wheat Bran, and Wheat Middlings.

### **Manufactured Feeds:**

CALF FEEDS.

CHOP FEEDS.

DAIRY CONCENTRATES.

DAIRY FEEDS.

HORSE FEEDS.

POULTRY CONCENTRATES.

POULTRY FEEDS.

SCRATCH FEEDS.

SMALL ANIMAL FEEDS, including Cat Foods, Dog Foods, Pigeon Feeds, and Rabbit Feeds.

STEER FEEDS.

SWINE CONCENTRATES.

SWINE FEEDS.

MISCELLANEOUS FEEDS.



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

50-4-44

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>FEED INGREDIENTS</u>								
<u>ALFALFA PRODUCTS</u>								
Alfalfa Meal								
GREEN ACRE FARMS Nazareth, Pa.								
Green Acre's Dehydrated Alfalfa Meal 17%	(368)	17.69	17.00	2.28	2.00	26.33	27.00	----
KEYSTONE DEHYDRATORS Nazareth, Pa.								
Keystone Super-Green Dehydrated Alfalfa Meal	(265)	16.00	17.00	2.86	2.00	26.13	27.00	----
Keystone Super-Green Dehydrated Alfalfa Meal	(370)	22.38	17.00	3.24	2.00	21.19	27.00	----
MEADOW BROOK FARMS Nazareth, Pa.								
Meadow Brook Farms Dehydrated Alfalfa Meal 17%	(366)	20.63	17.00	4.64	2.00	20.48	27.00	----
SCHORNECK FARMS INCORPORATED Nazareth, Pa.								
Schooneck's Super-Green Dehydrated Alfalfa Meal	(367)	20.50	17.00	3.41	2.00	18.28	27.00	----
SUNNY SLOPE FARMS Nazareth, Pa.								
Sunny Slope Farms Dehydrated Alfalfa Meal	(369)	19.56	17.00	3.01	2.00	24.94	27.00	----
Average		19.46		3.24		22.89		
<u>ANIMAL PRODUCTS</u>								
<u>Blood Meal</u>								
ROBERT A. REICHARD, INC. Allentown, Pa.								
Reichard's Blood Meal	(378)	80.38	80.00	0.63	0.50	0.84	1.00	----
Average		80.38		0.63		0.84		
<u>Digester Tankage</u>								
ROBERT A. REICHARD, INC. Allentown, Pa.								
Reichard's Digester Tankage 60%	(379)	58.06	60.00	16.38	5.00	3.15	4.00	----
Average		58.06		16.38		3.15		
<u>Meat and Bone Scrap</u>								
ARMOUR & COMPANY Chicago, Ill.								
Armour's Meat & Bone Scrap	(249)	48.63	50.00	8.81	6.00	1.81	3.00	----
PITTSBURGH MELTING COMPANY Pittsburgh, Pa.								
Steel City Meat & Bone Scrap	(591)	47.69	50.00	6.98	5.00	1.55	3.00	----
ROBERT A. REICHARD, INC. Allentown, Pa.								
Reichard's Beef & Bone Scrap	(377)	45.06	45.00	10.78	6.00	1.79	3.00	----
J. O. RYDER RENDERING COMPANY Matamoras, Pa.								
Cackle Brand Meat & Bone Scrap	(373)	48.56	50.00	11.41	6.00	1.79	3.00	----
Average		47.76		9.50		1.74		
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Meat Meal</u>							
READING BONE FERTILIZER COMPANY Reading, Pa.							
Reading Meat Meal (251)	53.88	50.00	13.42	10.00	1.55	2.00	----
Reading Meat Meal (256)	49.00	50.00	12.72	10.00	1.97	2.00	----
ROBERT A. REICHARD, INC. Allantown, Pa.							
Reichard's Baaf Scrap 50% (375)	51.44	50.00	10.07	6.00	1.43	3.00	----
Reichard's High Grade Baaf Scrap (376)	57.00	55.00	10.50	6.00	1.64	2.00	----
Average	52.83		11.68		1.65		
<u>BEET PRODUCTS</u>							
<u>Dried Beet Pulp</u>							
GENERAL MILLS, INCORPORATED LAWROE DIVISION Detroit, Mich.							
Dried Beet Pulp ( 1)	8.63	7.00	1.06	0.30	19.71	22.50	----
Average	8.63		1.06		19.71		
<u>BREWERS' PRODUCTS</u>							
<u>Brewers' Dried Grains</u>							
THE NEUMOND COMPANY St. Louis, Mo.							
Neumond's Brawars' Dried Grains (465)	28.69	24.00	7.46	4.50	13.62	18.00	----
Average	28.69		7.46		13.62		
<u>COTTONSEED PRODUCTS</u>							
<u>Cottonseed Meal</u>							
ASHCRAFT-WILKINSON COMPANY Atlanta, Ga.							
Cow-Eta Cottonseed Meal 41% (267)	*37.63	41.00	5.60	4.00	13.84	13.00	----
GOLDEN ROD OIL MEAL SALES COMPANY Mamphis, Tenn.							
Golden Rod Cottonseed Meal 41% (467)	41.63	41.00	4.09	4.00	11.87	13.00	----
HARTSVILLE OIL MILL Hartsville, S. C.							
Cotton Seed Meal 41% (268)	41.94	41.00	5.84	4.00	12.59	13.00	----
Average	40.40		5.14		12.77		
<u>LINSEED AND FLAX PRODUCTS</u>							
<u>Linseed Oil Meal</u>							
PITTSBURGH PLATE GLASS COMPANY Rad Wing, Minn.							
Rad Wing Solvent Extracted Linseed Oil Meal 36% (258)	37.75	36.00	1.43	0.50	8.73	10.00	----
THE SHERWIN WILLIAMS COMPANY Clavaland, Ohio							
Sherwin-Williams Solvent Extracted Linseed Oil Meal (466)	36.00	36.00	1.94	0.50	8.79	9.50	----
Average	36.88		1.68		8.76		
* Deficient							



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

300-4-44

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MARINE PRODUCTS</u>							
<u>Fish Meal</u>							
CONSOLIDATED FISHERIES COMPANY Lewes, Del.							
Squanto Pure Menhaden Fish Meal (253)	58.44	60.00	4.52	5.00	0.69	3.00	----
Squanto Pure Menhaden Fish Meal (380)	60.19	60.00	4.13	5.00	0.71	3.00	----
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's Fish Meal 60% (381)	60.00	60.00	*3.48	6.00	0.82	2.00	----
Average	59.54		4.04		0.74		
<u>SOYBEAN PRODUCTS</u>							
<u>Soybean Oil Meal</u>							
CARGILL, INCORPORATED Minneapolis, Minn.							
44% Protein Solvent Extracted Soybean Oil Meal (266)	*33.00	44.00	3.46	0.50	4.68	7.00	Adulterable
CENTRAL SOYA COMPANY, INC. Fort Wayne, Ind.							
Central Star Solvent Extracted Soybean Oil Meal (259)	48.56	44.00	1.51	0.50	5.50	7.00	----
THE GLIDDEN COMPANY SOYA PRODUCTS DIVISION Chicago, Ill.							
Glidden Quality Products 44% Solvent Extracted Soybean Oil Meal (493)	45.25	44.00	1.38	0.50	6.33	7.00	----
SWIFT & COMPANY Chicago, Ill.							
Swift's 44% Protein Solvent Extracted Soybean Oil Meal (257)	46.44	44.00	1.96	0.50	4.89	7.00	----
Average	43.31		2.08		5.35		
<u>WHEAT PRODUCTS</u>							
<u>Wheat Bran</u>							
B. A. ECKHART MILLING COMPANY Chicago, Ill.							
Ecko Pure Wheat Bran (228)	19.44	14.00	4.35	3.50	9.12	12.00	----
THE WHEATENA CORPORATION HIGHSPIRE FLOUR MILLS DIVISION Highspire, Pa.							
Pure Winter Wheat Bran (24)	16.19	12.00	3.13	2.50	8.56	11.00	----
Average	17.82		3.76		8.84		
<u>Wheat Middlings</u>							
WOODBURY MILLING COMPANY Woodbury, Pa.							
Blue Ribbon Flour Middlings (183)	14.31	13.00	2.83	2.00	2.04	6.00	----
Average	14.31		2.83		2.04		
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MANUFACTURED FEEDS</u>							
<u>Calf Feeds</u>							
ALBERS MILLING COMPANY Los Angeles, Cal.							
Albers Calf Manna (248)	28.31	25.00	4.97	3.50	4.29	5.50	----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.							
Calf Starter (389)	23.81	20.00	3.36	3.00	6.81	9.00	----
Calf Startar (569)	22.13	20.00	3.41	3.00	6.70	9.00	----
HALES & HUNTER COMPANY Chicago, Ill.							
Pioneer Calf Starter (357)	19.31	18.00	3.48	2.50	5.52	8.50	----
WALTER K. LONG Center Valley, Pa.							
High Standard Complete Calf Feed (374)	15.94	14.00	3.31	3.00	6.09	11.00	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
B-B Calf Starting & Growing Ration (350)	22.19	18.50	3.34	3.50	6.88	8.00	----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Champion Complete Calf Feed (180)	15.13	15.00	3.51	2.00	5.72	7.00	----
RALSTON PURINA COMPANY St. Louis, Mo.							
Purina Calf Startena (109)	24.25	19.50	2.62	2.50	7.11	9.50	----
Purina Calf Startena (418)	21.75	19.50	3.02	2.50	9.17	9.50	----
Average	21.42		3.45		6.48		
<u>CHOP FEEDS</u>							
R. S. ALTMAN Irwin, Pa.							
Altman's Special Chop (429)	11.06	9.00	3.24	1.50	8.27	10.00	----
C. A. CLABAUGH & SON Evanston, Pa.							
Mixed Chop (189)	10.06	8.00	3.08	3.00	8.59	8.00	----
KEEBLERS FEED & FARM SUPPLIES Montoursville, Pa.							
Keeblers Corn & Oats Chop (156)	12.06	9.00	4.92	3.50	5.09	7.00	----
LANEY'S FEED MILL Huntingdon, Pa.							
Laney's Stock Feed Chop (186)	10.31	8.00	3.31	3.00	10.63	11.00	----
ROHM'S FEED MILL Breezewood, Pa.							
Mixed Chop (190)	10.31	7.00	2.60	1.50	8.56	12.10	----
C. Y. WAGNER & COMPANY, INC. Bellefonte, Pa.							
Wagner's Pura Corn & Oats Chop (194)	12.69	10.00	5.01	4.00	4.75	8.00	----
Average	11.08		3.69		7.65		

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-44

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>DAIRY CONCENTRATES</u>								
ALLIED MILLS, INCORPORATED Chicego, Ill.								
Weyne 32% Deiry Feed	( 78)	33.19	32.00	2.59	2.50	4.84	8.00	----
R. S. ALTMAN Irwin, Pe.								
Altman's 32% Dairy Concanetre	(163)	34.56	32.00	4.17	2.00	6.36	10.00	----
APOLLO MILLING COMPANY Apollo, Pe.								
Apollo's Best 32% Deiry Feed	( 73)	35.69	32.00	*3.62	5.00	8.21	8.90	----
ARCADY FARMS MILLING COMPANY Chicego, Ill.								
Arcady 32% Dairy Feed	(425)	33.69	32.00	2.31	2.00	6.12	9.00	----
J. F. BIESECKER & SONS Thomasville, Pe.								
Yorco 32% Deiry Supplement	(513)	32.56	32.00	*3.42	4.00	7.94	9.00	----
JOHN S. BROWN'S SON New Castle, Pa.								
Our Quelity 32% Deiry Retion	(476)	*28.81	32.00	*3.26	4.00	6.40	10.00	----
BUCKEYE FEED MILLS, INC. Delton, Ohio								
Buckeye 32% Dairy Faed	( 57)	32.75	32.00	3.13	3.00	7.07	8.00	----
CHAS. M. COX COMPANY Boston, Mass.								
Wirthmore 32 Deiry Supplement	(436)	35.25	32.00	*2.34	3.00	6.56	8.00	----
DEAN & LEE Horsehaads, N. Y.								
Pioneer Dairy Retion 30	(411)	33.88	30.00	4.00	3.00	6.59	10.00	----
DE WALD'S MILL Bloomsburg, Pe.								
DeWeld's Deiry Mixing Ration 30%	(312)	32.75	30.00	2.61	2.50	8.02	9.00	----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
36% Supplement	( 82)	38.19	36.00	2.29	1.50	6.26	8.00	----
36% Supplement	(161)	34.50	36.00	2.31	1.50	6.76	8.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Red Rose 32 Mixing Retion	(494)	34.50	32.00	2.88	2.50	7.45	9.00	----
HALES & HUNTER COMPANY Chicego, Ill.								
Pioneer 32 Deiry	(234)	33.63	32.00	2.27	2.00	5.95	8.00	----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Reinbow 32% Deiry Retion	( 66)	30.44	32.00	3.16	3.00	7.03	12.00	----
KNITTLE & FREY FEED MILL Williamsport, Pe.								
K & F 32% Dairy Supplement	(170)	33.75	32.00	*2.49	3.00	8.48	12.00	----
LYCOMING MILLS Williamsport, Pe.								
32% Deiry Feed	(165)	32.69	32.00	2.76	2.50	7.58	7.00	----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARITIME MILLING COMPANY, INC. Buffelo, N. Y.							
Hi-Test Deiry Feed 30% Mixing Feed (394)	33.75	30.00	2.90	2.50	7.90	8.00	----
MCMILLEN FEED MILLS Port Weyne, Ind.							
Master Blend Deiry Concentrete (261)	34.69	33.00	2.44	1.50	3.76	9.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pe.							
32% Milk Maker (34)	35.13	32.00	3.75	3.00	7.07	10.00	----
P. J. OESTERLING & SON, INC. Butler, Pe.							
Sun Side 32% Deiry Supplement (243)	38.13	32.00	*2.33	3.00	7.43	10.00	----
RHOADS MILL Selinsgrove, Pe.							
Pearlese 32% Deiry Feed (206)	*27.88	32.00	*2.36	3.00	6.20	8.00	----
SNOOK'S MILL Mifflinburg, Pe.							
Snook's 32% Deiry Retion (219)	33.63	32.00	*2.91	4.00	7.67	8.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.							
Thriftee 32% Supplement Deiry (44)	33.50	32.00	*1.80	3.50	6.66	8.50	----
THE WAYNESBURG MILLING COMPANY Waynesburg, Pe.							
Weyco Deiry Supplement (92)	32.00	32.00	1.89	1.50	7.07	10.00	----
YOCUM FARM SUPPLY Allenwood, Pe.							
32% Deiry Supplement (217)	32.56	32.00	1.95	2.00	7.02	9.00	----
Average	33.54		2.77		6.86		
<u>DAIRY FEEDS</u>							
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Weyne 24% Deiry Feed (507)	26.31	24.00	3.63	2.50	7.07	8.00	----
R. S. ALTMAN Irwin, Pe.							
Altmen's 16% Deiry Retion (229)	17.50	16.00	2.72	2.50	8.04	11.00	----
Altman's 16% Deiry Retion (432)	16.13	16.00	2.72	2.50	8.68	11.00	----
Altman's 16% Deiry Retion (511)	17.19	16.00	3.44	2.50	6.40	11.00	----
Altman's 20% Deiry Retion (86)	21.88	20.00	2.92	2.50	8.87	11.00	----
Altman's 24% Deiry Retion (458)	24.63	24.00	2.28	2.50	7.54	11.00	----
Altman's Enriched 20% Milkers Retion (Super A) (510)	22.00	20.00	2.56	2.50	7.51	10.00	----
A. J. BALSHI, INC. Cetewiese, Pe.							
Milk-Well 18% Deiry Feed (305)	20.13	18.00	2.97	3.00	6.72	12.50	----
J. F. BIESECKER & SONS Thomasville, Pe.							
Yorco Deiry Retion (516)	17.94	16.00	3.71	4.00	6.98	9.00	----
CANONSBURG MILLING COMPANY Canonsburg, Pe.							
16% Deiry Feed (100)	17.63	16.00	3.02	2.50	7.98	11.00	----
CATAWISSA MILLING COMPANY Cetewisse, Pe.							
Kernie's Sweet 16% Deiry Feed (308)	17.81	16.00	4.52	2.80	8.11	11.00	----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
COLLEGEVILLE MILLS Collegeville, Pa.								
Perkiomen Dairy Feed	(288)	19.31	16.00	3.59	3.00	9.07	11.00	----
COOPERATIVE G.L.P. EXCHANGE, INC. Ithaca, N. Y.								
18% Dairy	(392)	19.19	18.00	4.62	3.50	7.63	9.00	----
Exchange Dairy	(573)	22.19	20.00	4.94	4.00	7.67	9.00	----
Fitting Ration	(408)	15.94	14.00	3.97	3.25	6.29	10.00	----
Hi-Pro 24% Dairy	(575)	24.88	24.00	4.16	3.50	6.25	9.00	----
16% Milk Maker	(574)	16.75	16.00	4.79	3.50	7.05	9.00	----
Super Exchange Dairy	(111)	23.31	20.00	4.19	4.50	4.11	9.50	----
Super Exchange Dairy	(390)	22.75	20.00	5.76	4.50	7.08	9.50	----
Super Test Feed	(116)	16.50	16.00	5.02	4.50	7.81	10.50	----
Super Test Feed	(391)	19.69	16.00	5.31	4.50	7.00	10.50	----
COOPERATIVE MILLS, INC. Harrisburg, Pa.								
16% Milk Maker	(497)	19.25	16.00	3.89	3.50	7.13	10.00	----
20% Milk Maker	( 83)	22.13	20.00	4.94	3.50	7.58	10.00	----
20% Milk Maker	(233)	24.13	20.00	4.39	3.50	7.97	10.00	----
20% Milk Maker	(498)	23.88	20.00	4.39	3.50	8.08	10.00	----
24% Milk Maker	(212)	28.00	24.00	4.24	3.50	8.03	10.00	----
24% Milk Maker	(230)	27.75	24.00	4.23	3.50	7.77	10.00	----
CRAWFORD BROTHERS Walton, N. Y.								
20% Dairy Ration with Crushed Oats	(122)	24.25	20.00	3.09	3.00	9.82	10.00	----
CUMBERLAND VALLEY COOPERATIVE ASSOCIATION Shippensburg, Pa.								
Hub 16% Dairy Feed	(214)	19.38	16.00	3.36	3.00	8.04	11.00	----
DAILEY MILLS, INC. Olean, N. Y.								
Double Diamond Hi Cal 20% Test Ration	(359)	18.88	20.00	3.60	3.75	7.01	9.00	----
DARLINGTON MILLING COMPANY Darlington, Pa.								
Darmico 20% Dairy	(480)	23.50	20.00	3.26	3.00	8.20	10.00	----
DEAN & LEE Horseheads, N. Y.								
Pioneer Dairy Ration	(412)	24.50	20.00	3.76	3.50	7.47	10.00	----
DIAMOND MILLING COMPANY New Brighton, Pa.								
Diamond 16% Dairy Feed	(479)	18.06	16.00	3.04	3.00	6.33	10.00	----
DODGE MILLS New Albany, Pa.								
Dodge Feeds 16% Dairy	(406)	17.81	16.00	4.07	4.00	6.21	8.00	----
Dodge Feeds 20% Dairy	(407)	20.25	20.00	3.94	3.50	6.69	10.00	----
F. A. DRAKE'S SON Cambridge Springs, Pa.								
Drake's Dairy Ration	(581)	19.88	18.00	3.16	3.00	7.76	11.00	----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin 18% Dairy Feed	(141)	19.38	18.00	3.92	3.00	8.06	9.00	----
EAST BERLIN FLOUR & FEED MILLS INCORPORATED East Berlin, Pa.								
Berlin 18% Dairy	(523)	19.56	18.00	*3.63	5.00	*8.06	6.00	----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Champion Milkmore	(162)	16.31	14.00	2.92	2.50	5.89	7.50	----
	( 81)	19.44	16.00	4.53	3.50	7.59	8.50	----
ELIZABETH MILLING COMPANY Elizabeth, Pa.								
Gilt Edge 20% Deiry Feed	(463)	23.75	20.00	2.51	2.50	6.02	8.00	----
E.L.M. FEED STORES Greencastle, Pa.								
E.L.M. 16% Deiry Feed	(535)	16.75	16.00	4.52	3.00	5.88	10.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Conestoga 20 Deiry Feed	(242)	22.63	20.00	3.67	3.50	8.81	11.00	----
Eshelman Pennsy 16 Dairy Feed	(118)	19.94	16.00	3.87	3.00	8.51	11.00	----
Eshelman Red Rose 16% Deiry Feed	(363)	19.75	16.00	3.96	3.50	7.59	9.50	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro Suremilk 14	(346)	16.25	14.00	3.53	2.50	8.03	12.00	----
Larro Suremilk 16	(588)	20.06	16.00	4.51	2.50	6.59	12.00	----
Larro Suremilk 20	(235)	23.19	20.00	2.79	2.50	7.45	12.00	----
Larro Suremilk 20	(345)	22.00	20.00	2.81	2.50	8.58	12.00	----
Larro Suremilk 20	(445)	23.25	20.00	2.81	2.50	7.28	12.00	----
S. H. GOSS & SONS Lewistown, Pa.								
Mt. Rock 16% Deiry Retion	(204)	15.38	16.00	3.11	3.00	9.24	10.00	----
HALES & HUNTER COMPANY Chicago, Ill.								
Pioneer 18 Deiry	(358)	18.06	18.00	2.94	3.00	7.03	9.00	----
Pioneer Dry & Freshening	( 97)	14.38	12.00	3.45	2.50	7.24	10.00	----
Pioneer Pelleted Flaked 15 Dairy	( 99)	18.13	15.00	3.09	3.00	5.84	9.00	----
Pioneer Pelleted Flaked 18 Deiry	(113)	20.13	18.00	3.26	3.00	6.51	9.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Green Pasture 20% Deiry Retion	( 89)	21.19	20.00	3.44	3.00	8.66	11.00	----
Herco 20% Deiry Ration with Pellets	( 90)	24.69	20.00	2.77	3.00	6.78	11.00	----
F. D. HARTZEL'S SONS COMPANY Chelfont, Pa.								
Perfection Deiry Feed	(271)	17.69	16.00	3.17	3.00	6.76	8.00	----
I. B. HEIMBACH & SON East Greenville, Pa.								
18% Special Deiry Feed	(128)	19.44	18.00	4.53	3.50	6.98	11.00	----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Sunshine 18% Deiry Ration	(354)	19.75	18.00	4.36	2.00	11.29	15.00	----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's 20% Deiry Feed	(413)	21.81	20.00	3.44	3.00	7.55	12.00	----
HUNTSLINGER'S MILL Hegins, Pa.								
Quelity Deiry Retion	(295)	21.69	20.00	3.74	3.50	6.81	9.00	----
KASCO MILLS, INCORPORATED Weverly, N. Y.								
Kesco Beets All Milk Greins 16%	(405)	18.69	16.00	3.55	3.50	7.18	10.00	----
Kasco Beets All Milk Greins 20%	(124)	20.13	20.00	3.73	3.50	7.41	10.00	----
Kasco Fitting Retion	(404)	17.13	14.00	3.73	3.50	7.42	10.00	----
H. B. KRATZ & SONS Schwenksville, Pa.								
Ideel Deiry Feed	(291)	22.44	20.00	*2.84	4.00	9.34	10.00	----

\* Deficient



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WALTER K. LONG Center Valley, Pa.								
High Standard 16% Dairy Feed	(277)	16.81	16.00	4.14	3.50	7.21	10.50	----
MAHONING VALLEY MILLING COMPANY Punxsutawney, Pa.								
Mahoning 24% Dairy Retion	( 77)	23.88	24.00	3.09	3.00	10.68	10.00	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
Hi-Test Dairy Feed 20% Pro.	(347)	19.75	20.00	4.13	3.00	10.94	12.00	----
Hi-Test Dairy Feed 20% Pro.	(397)	19.31	20.00	3.82	3.00	9.85	12.00	----
MAUSER MILL COMPANY Allentown, Pa.								
Meuser's Markitop 20% Dairy Feed	(383)	22.44	20.00	3.09	3.00	7.22	9.00	----
MC MILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix 20% Dairy Feed	(462)	24.06	20.00	2.43	2.50	5.98	9.00	----
MIFFLINBURG FARMERS EXCHANGE Mifflinburg, Pa.								
Fermer's 16% Dairy Feed	(221)	16.56	16.00	3.89	3.00	6.71	8.00	----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.								
20% M-H Dairy Feed	(115)	21.75	20.00	5.21	3.00	9.58	10.50	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.								
Fitting Retion	( 35)	16.44	14.00	3.95	3.00	5.88	10.00	----
MOYER & SON Souderton, Pa.								
M & S Dairy Feed	( 40)	22.38	19.50	3.92	3.00	10.16	10.50	----
H. W. NEIGER MILLING COMPANY East Springfield, Pa.								
Neiger's Best Dairy Feed	(585)	20.13	16.00	3.59	3.00	6.36	11.00	----
THE PARK & POLLARD COMPANY Buffelo, N. Y.								
Milk Maid Test Cow Retion	(505)	22.44	18.00	4.59	4.00	7.06	9.00	----
Milk Maid 14% Test Cow Retion	(504)	17.56	14.00	4.64	4.00	7.46	9.00	----
Red Ribbon 20% Dairy Retion	(506)	20.94	20.00	4.69	3.50	8.59	11.00	----
PINE RUN FARM SUPPLY COMPANY Doylstown, Pa.								
Pine Run 18% Dairy	(137)	18.19	18.00	3.42	3.00	8.24	9.00	----
PRATT FOOD COMPANY Buffalo, N. Y.								
Utility Sweet 20% Dairy Feed	(119)	22.13	20.00	3.39	3.00	9.64	12.00	----
THE QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pep Fitting Feed	(427)	16.56	14.00	3.04	3.00	8.71	10.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Purine Cow Chow 18%	(501)	19.38	18.00	3.09	3.00	5.49	10.00	----
Purina Milk Chow	(417)	17.50	16.00	3.34	2.50	7.51	10.00	----
Purine Omolana	(342)	11.44	10.00	3.82	3.00	7.86	11.00	----
RED BANK MILLS New Bathlaham, Pa.								
16% Star Dairy Feed	( 62)	22.44	16.00	*2.53	3.00	8.27	11.00	----
20% Superior Dairy Feed	( 61)	23.56	20.00	2.96	3.00	7.17	10.00	----

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

50-4-44

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
REED MILLING COMPANY Brookville, Pa.								
Triangle 20% Deiry Feed	( 71)	22.31	20.00	3.45	2.00	6.53	11.00	----
RHOADS MILL Selinsgrove, Pa.								
Peerless 16% Deiry Feed	(207)	*14.38	16.00	3.31	3.00	6.84	12.00	----
J. S. RILEY & COMPANY New Cestle, Pa.								
Pioneer 20% Dairy Feed	(470)	21.06	20.00	4.12	3.00	6.68	12.00	----
ROBERTS FEED MILL Peckville, Pa.								
Rob Rose 16% Deiry Feed	(120)	18.13	16.00	3.24	3.50	6.75	7.00	----
ROUX FEED MILLS Sharon, Pa.								
Roux 16% Deiry	(223)	16.94	16.00	4.12	2.00	8.82	12.00	----
Roux 20% Deiry	(225)	22.94	20.00	3.27	2.00	10.08	12.00	----
Roux 24% Deiry	(224)	*19.13	24.00	3.88	2.00	11.33	12.00	----
ESTATE OF GEO. S. SNYDER, INC. Hetfield, Pa.								
Snyder's Quclity Deiry Feed	( 32)	19.69	18.00	3.19	3.50	7.45	10.00	----
SOMERSET MILLING COMPANY Somerset, Pa.								
Just Right 16% Deiry Feed	(422)	18.00	16.00	*3.09	3.50	5.89	7.00	----
Just Right 20% Deiry Feed	(423)	19.19	20.00	*3.50	4.00	6.77	9.00	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's 18% Deiry Feed	(275)	20.50	18.00	3.98	2.50	7.93	10.00	----
THORPE-BAKER & COMPANY Cerbondale, Pa.								
Fitting Ration	(117)	14.63	14.00	3.91	4.00	6.01	10.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Fitting Ration	( 43)	14.56	12.00	4.08	3.50	7.68	10.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Trinley's Reel 20% Deiry Feed	(133)	18.56	20.00	3.68	4.00	*9.94	9.00	----
Trinley's Real 20% Dairy Feed	(440)	19.63	20.00	4.17	4.00	9.06	9.00	----
VANDERVORT MILLS, INC. Leceyville, Pa.								
Fitting Retion	(400)	13.63	12.00	3.96	3.50	8.94	10.50	----
18% Speciel Deiry Retion	(398)	19.50	18.00	3.94	3.50	9.49	10.00	----
20% Special Deiry Ration	(399)	20.81	20.00	3.41	3.50	9.12	9.00	----
ZORTMAN FLOUR & FEED COMPANY Edinboro, Pa.								
Better Deiry Feed	(577)	22.00	20.00	2.80	1.78	9.09	10.60	----
Average		19.12		3.67		7.71		
<u>HORSE FEEDS</u>								
R. S. ALTMAN Irwin, Pa.								
Altman's Horse Feed	(512)	8.44	8.00	3.33	3.00	6.73	15.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithece, N. Y.								
Horse Feed	(571)	13.06	9.00	4.32	3.00	6.24	9.00	----

\* Deficient

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DAILEY MILLS, INC. Olean, N. Y.							
Double Diamond Horse Feed (361)	10.88	10.00	3.49	3.00	8.32	10.00	----
C. Y. WAGNER & COMPANY, INC. Bellefonte, Pa.							
Wagner's Horse Feed (196)	13.06	9.00	3.24	3.00	6.14	7.00	----
Average	11.38		3.60		6.86		
<u>POULTRY CONCENTRATES</u>							
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Wayne Mash Mixer (490)	38.63	36.00	2.81	2.50	5.86	10.00	----
BECK'S FEED & GRAIN SERVICE Kutztown, Pa.							
Beck's 32% Poultry Supplement (250)	31.50	32.00	5.30	5.00	7.50	8.00	----
HUBBARD MILLING COMPANY Marion, Ind.							
Hubbard's Sunshine 38% Broiler Concentrate (260)	42.19	38.00	3.08	3.00	5.23	6.00	----
MC MILLEN FEED MILLS Port Wayne, Ind.							
Master Mix Broiler Concentrate with Methio-Vite (102)	39.38	38.00	2.55	2.00	5.89	6.00	----
Master Mix Broiler Concentrate with Methio-Vite (262)	39.94	38.00	2.62	2.00	6.24	6.00	----
Master Mix Layer Concentrate (464)	34.94	34.00	1.62	1.50	6.23	9.00	----
P. J. OESTERLING & SON, INC. Butler, Pa.							
Sunside Poultry 32% Concentrate (244)	33.56	32.00	4.97	3.00	5.03	8.00	----
Average	37.16		3.28		6.00		
<u>POULTRY FEEDS</u>							
ABBOTTSTOWN GRAIN & FEED STORE Abbottstown, Pa.							
Blue Bird Egg Mash (531)	21.81	20.00	2.95	2.50	7.68	7.00	----
Blue Bird Growing Mash (530)	18.19	16.00	3.56	2.00	5.71	7.00	----
ABERDEEN MILLS Elizabethtown, Pa.							
Aberdeen Egg Mash (23)	20.69	20.00	3.32	3.00	6.47	8.00	----
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Wayne 26% Egg & Breeder (509)	26.31	26.00	3.90	2.50	5.28	7.00	----
Wayne Growing Mash (508)	22.63	20.00	3.95	2.50	4.94	5.50	----
Wayne Universal Egg (489)	18.50	16.00	4.56	2.50	4.94	4.50	----
R. S. ALTMAN Irwin, Pa.							
Altman's "B" Growing Mash (443)	20.69	17.00	3.19	3.00	6.48	9.00	----
Altman's "B" Starter & Broiler Mash (173)	22.00	18.00	4.14	3.00	6.44	8.00	----
Altman's Quality Egg Mash (84)	23.31	20.00	3.28	3.00	7.43	9.00	----
Altman's Quality Egg Mash (164)	23.44	20.00	3.39	3.00	6.43	9.00	----
Altman's Quality Egg Mash (431)	22.75	20.00	3.31	3.00	6.83	9.00	----
Altman's Quality Egg Mash (441)	20.50	20.00	3.33	3.00	7.96	9.00	----
Altman's Quality Egg Mash (456)	20.94	20.00	3.48	3.00	6.61	9.00	----
Altman's Quality Egg Mash (85)	29.63	24.00	2.84	3.00	7.14	8.00	----
Altman's Super A Egg Mash (227)	23.88	24.00	3.19	3.00	6.01	8.00	----
Altman's Super A "Y" Egg Mash (442)	26.19	24.00	3.03	3.00	6.95	8.00	----
Altman's Super A "Y" Egg Mash (455)	26.50	24.00	3.02	3.00	6.34	8.00	----
Altman's Super A "Y" Egg Mash (457)	24.88	21.00	3.61	4.00	6.14	9.00	----
Altman's "Y" Turkey Developer							
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
A. J. BALSBI, INCORPORATED Catowissa, Pa.								
Must Lay Egg Mash	(307)	19.50	20.00	4.48	3.50	4.56	8.00	----
BARE MILLING COMPANY Roaring Spring, Pa.								
Sterling Laying Mash	(176)	21.69	20.00	4.27	3.00	5.46	8.00	----
Sterling Starter & Grower	(175)	19.06	18.00	4.46	3.50	5.75	7.00	----
THE BEACON MILLING COMPANY, INC. Cayuga, N. Y.								
Beacon "22" Egg Mash	(125)	24.75	22.00	4.75	3.50	5.24	6.50	----
BENFER FLOUR & FEED MILL Beavertown, Pa.								
Snook's Just Rite Laying Mash	(201)	20.94	20.00	3.76	3.50	5.46	7.00	----
C. E. BENFIELD COMPANY South Parkasia, Pa.								
Whita Rosa Egg Mash	(142)	18.63	20.00	3.46	2.50	5.40	7.00	----
Whita Rose Growing Mash	(143)	16.69	18.00	3.89	3.00	5.09	6.00	----
J. F. BIESECKER & SONS Thomasville, Pa.								
Yorco Laying Mash	(514)	19.19	20.00	3.61	4.00	6.06	7.00	----
WM. H. BOHNER Pillow, Pa.								
Bohner's Laying Mash	( 8)	18.44	16.00	3.89	4.00	5.69	8.00	----
HAROLD C. BRAFOT Annville, Pa.								
Blue Ribbon Growing Mash	( 15)	19.13	18.00	5.05	3.00	6.71	7.00	----
V. Y. BRANDT East Berlin, Pa.								
Brandt's Egg Mash	(520)	21.44	18.00	3.72	3.75	5.66	8.00	----
BROWN & FASSETT Tunkhannock, Pa.								
B & F Favorita Dry Mash	(110)	21.44	20.00	5.16	4.50	7.24	9.00	----
F. M. BROWN'S SONS Sinking Springs, Pa.								
Brown's Broadard Mash	(269)	22.31	20.00	3.79	3.50	5.66	8.00	----
JOHN S. BROWN'S SON New Castla, Pa.								
Our Queliity High Energy Laying Mash	(474)	20.94	20.00	4.21	4.00	4.36	5.00	----
BUCKEYE FEED MILLS, INC. Dalton, O.								
Buckeye Gold Standard Laying Mash	( 59)	21.69	20.00	3.41	3.00	6.80	8.50	----
CANONSBURG MILLING COMPANY, INC. Canonsburg, Pa.								
Gilt Edge Pullet Mash	(101)	20.31	18.00	2.86	2.50	4.98	6.00	----
CATAWISSA MILLING COMPANY Catawissa, Pa.								
Karnies Laying Mash	(309)	21.94	18.00	4.92	4.50	5.69	7.00	----
COLLEGEVILLE MILLS Collegeville, Pa.								
Improved Laying Mash	(286)	22.38	20.00	4.83	3.00	5.65	7.50	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Itheca, N. Y.								
Broiler Mash	(393)	21.13	20.00	3.68	2.50	3.70	4.00	----
Chick Starter	(568)	20.56	20.00	3.98	3.00	3.81	5.00	----
Laying Mash	(409)	21.25	20.00	4.04	3.00	5.32	7.00	----
Leying Mash	(570)	20.81	20.00	3.98	3.00	4.86	7.00	----

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.							
Broiler Maker ( 88)	22.25	22.00	4.00	3.00	3.77	5.00	----
Super Laying Mash (231)	21.44	20.00	3.86	3.00	5.83	8.00	----
Super Laying Mash (496)	22.81	20.00	3.73	3.00	6.02	8.00	----
Turkey Growing Mash ( 87)	22.75	20.00	3.60	3.00	5.30	8.00	----
COUNTY LINE MILLS Barto, Pa.							
Chick Starter Mash (264)	20.19	18.00	3.93	4.00	6.98	7.00	----
Schultz's Laying Mash (263)	21.13	19.00	4.04	4.00	*8.04	7.00	----
CHAS. M. COX COMPANY Boston, Mass.							
Wirthmore Growing Mash (435)	21.88	18.00	4.34	3.00	5.58	7.00	----
Wirthmore Laying Mash (433)	21.31	20.00	4.21	3.00	5.77	7.00	----
Wirthmore Turkey Growing Ration Pellets (434)	24.44	20.00	3.67	3.00	5.65	7.50	----
IRWIN K. CURRY Swatara Station, Pa.							
Swatara Egg Mash ( 20)	19.88	18.00	3.67	3.00	6.33	8.50	----
DAILEY MILLS, INCORPORATED Olean, N. Y.							
Double Diamond Layer (362)	22.13	20.00	4.56	3.50	5.42	7.50	----
DARLINGTON MILLING COMPANY Darlington, Pa.							
Darmico Egg (481)	18.13	18.00	5.28	4.50	4.99	6.50	----
Darmico Grower (483)	15.13	16.00	4.96	4.50	5.36	8.50	----
DAVIS FEED MILL Rushland, Pa.							
Davis Growing Mash ( 45)	19.44	17.00	5.09	4.00	6.97	7.00	----
Davis Laying Mash ( 46)	21.56	20.00	4.75	3.50	7.47	7.00	----
Davis Super Broiler ( 48)	22.44	20.00	4.06	4.50	5.44	7.00	----
DE WALD'S MILL Bloomsburg, Pa.							
DeWald's Quality Laying Mash (311)	20.63	20.00	5.87	3.00	7.12	7.00	----
DIAMOND MILLING COMPANY New Brighton, Pa.							
Diamond Layer Mash (478)	21.13	20.00	3.42	2.50	4.73	7.00	----
W. A. DIEHL Carlisle, Pa.							
Roseland Egg Mash (213)	20.56	20.00	3.94	2.50	3.91	7.00	----
DIETRICH & GAMBRILL, INC. Frederick, Md.							
Gambrill's Laying Mash (155)	20.75	20.00	4.41	3.00	5.90	8.00	----
F. A. DRAKE'S SON Cambridge Springs, Pa.							
Drake's Laying Mash (580)	20.75	20.00	3.40	2.50	4.28	7.00	----
Drake's Starter & Grower (582)	21.44	18.00	3.56	3.00	4.18	6.00	----
DUBLIN MILLING COMPANY Dublin, Pa.							
Dublin Laying Mash (139)	20.63	20.00	4.71	3.50	6.76	8.00	----
Dublin Turkey Starter (140)	24.56	24.00	4.37	4.00	6.91	8.00	----
EZL. DUNWOODY COMPANY Philadelphia, Pa.							
Super X Growing & Developing Mash (339)	18.50	18.00	*2.88	6.00	6.53	8.00	----
Super X Laying Mash (327)	20.13	18.00	*3.31	4.00	6.11	10.00	----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EAST BERLIN FLOUR & FEED MILLS INCORPORATED East Berlin, Pa.								
Berlin Laying Mash	(522)	20.63	20.00	3.56	3.00	5.14	9.00	----
Berlin Starter & Grower	(524)	21.81	20.00	4.11	3.00	4.93	9.00	----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Pacamakar	(160)	22.00	20.00	4.05	2.50	3.39	4.00	----
ELIZABETH MILLING COMPANY Elizabeth, Pa.								
Gilt Edge Egg Mash	(460)	21.00	20.00	3.10	2.50	4.49	7.00	----
E.L.M. FEED STORES Greencastle, Pa.								
E.L.M. Spacial Egg Mash	(536)	21.63	20.00	3.66	3.00	4.21	5.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshalman Red Rose Laying Mash	(106)	22.31	20.00	4.22	3.50	4.59	5.50	----
Eshalman Red Rosa Laying Mash	(365)	21.56	20.00	3.93	3.50	5.62	5.50	----
Eshelman Red Rose Turkey Grower	(241)	22.06	20.00	3.79	3.50	5.74	8.00	----
Eshalman Red Rose Turkey Grower	(364)	22.63	20.00	4.39	3.50	5.59	8.00	----
E. K. FREED & SON Liverpool, Pa.								
Freed's Startar & Grower	(210)	20.50	18.00	3.62	3.50	5.76	7.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro Nitrofurazone with Arsonic Growth Stimulant incorporated in Larro Surebroiler								
Larro Surebroiler	(590)	22.31	20.00	3.81	3.00	3.68	5.50	----
Larro Surebroiler	(236)	22.50	20.00	3.62	3.00	3.65	5.50	----
Larro Surebroiler	(444)	22.44	20.00	4.38	3.00	3.68	5.50	----
Larro Suralay	(446)	22.69	20.00	3.88	2.50	6.16	8.00	----
Larro Suralay	(587)	23.38	20.00	4.09	2.50	6.14	8.00	----
Larro Suralay (Pelleted)	(246)	24.13	20.00	4.02	2.50	5.59	8.00	----
GENTZLER GRAIN & FEED COMPANY East Berlin, Pa.								
G. & G. Growing Mash	(517)	19.44	17.00	3.92	3.00	5.17	7.00	----
G. & G. Laying Mash	(519)	21.00	20.00	3.12	3.00	7.97	8.00	----
GREEN COUNTY FARMERS EXCHANGE Waynesburg, Pa.								
Champion Quality Egg Mash	( 96)	21.75	16.00	3.87	3.50	6.33	9.00	----
HALES & HUNTER COMPANY Chicago, Ill.								
Rad Comb Egg Mash	(356)	21.81	20.00	4.60	3.00	6.76	7.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Harco Laying Mash	( 91)	20.19	20.00	4.14	3.00	5.00	7.50	----
Harco Laying Mash	(453)	23.25	20.00	3.91	3.00	5.46	7.50	----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.								
Perfection Egg Mash	(270)	20.56	20.00	3.65	2.50	6.34	7.00	----
I. B. HEIMBACH & SON East Greenville, Pa.								
Victory Egg Mash	(127)	20.50	16.50	4.26	4.00	5.21	6.50	----
JOHN M. HERR Grantville, Pa.								
Herr's Stertar & Grower	( 53)	20.25	18.00	4.04	3.50	4.63	7.00	----

\* Deficient

\* Deficient



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

300-4-44

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE HERRMAN-MCLEAN COMPANY Cleveland, O.							
Ohio Egg Mash with Dried Tomatoes ( 65)	22.44	20.00	3.63	3.00	7.52	8.00	----
Ohio Egg Mash with Dried Tomatoes (351)	23.25	20.00	4.29	3.00	6.94	8.00	----
Ohio Growing Mash (352)	19.63	17.00	4.28	3.00	6.98	8.00	----
Ohio Starting & Growing Mash with Liver Meal (355)	22.94	18.00	3.88	3.00	7.01	7.00	----
J. F. HOGSETT & SONS Uniontown, Pa.							
Hogsett's Growing Mash (415)	20.19	18.00	4.33	3.00	5.81	7.00	----
Hogsett's Laying Mash (414)	20.88	18.00	3.84	3.50	6.32	7.00	----
Hogsett's Starting Mash (416)	21.31	20.00	3.70	3.00	5.84	7.00	----
HUBER BROTHERS Schaefferstown, Pa.							
Huber's Laying Mash ( 52)	19.44	18.00	4.42	4.00	6.72	8.00	----
HUNTSINGER'S MILL Hegins, Pa.							
20% Quality Egg Mash (296)	22.13	21.00	4.53	3.50	5.62	6.00	----
KEEBLERS FEED & FARM SUPPLIES Montoursville, Pa.							
Keeblers Growing Mash (159)	19.63	19.00	4.12	3.00	6.33	6.50	----
Keeblers Laying Mash (158)	21.44	19.00	4.00	3.50	6.39	6.00	----
KIEFER BROS. Hegins, Pa.							
Kiefer's Special Broiler Mash (302)	22.13	20.00	3.41	3.00	3.59	4.00	----
C. R. KLINGLER Middlecreek, Pa.							
K Lay Mash (202)	19.44	18.00	3.79	3.50	6.31	7.00	----
KNITTLE & FRY FEED MILLS Williamsport, Pa.							
K & F Growing Mash (169)	19.25	18.00	4.07	3.00	5.59	7.00	----
K & F 20% Laying Mash (171)	21.50	20.00	3.62	3.00	6.54	7.00	----
H. B. KRATZ & SONS Schwenksville, Pa.							
Ideal Laying Mash (289)	24.69	20.00	4.10	4.00	7.66	8.00	----
LANEY'S FEED MILL Huntingdon, Pa.							
Laney's Pennsylvania Mash (187)	16.69	18.00	3.89	3.50	7.16	11.00	----
A. F. LEIDY Delphi, Pa.							
Leidy's Egg Mash (292)	20.06	20.00	3.48	2.50	5.91	7.00	----
Leidy's Growing Mash (293)	20.13	18.00	3.39	3.00	5.64	6.00	----
LIGHT STREET MILLING COMPANY Orangeville, Pa.							
Very Best 20% Egg Mash (314)	19.94	20.00	3.14	2.50	5.66	7.00	----
Very Best Growing Mash (313)	21.06	18.00	3.35	3.00	5.90	6.00	----
GEORGE W. LILLICH & SON Abbottstown, Pa.							
Lillich's Layer Mash (528)	22.13	20.00	3.66	3.50	5.73	7.00	----
WALTER K. LONG Center Valley, Pa.							
H1-Standard Egg Mash (278)	22.56	21.00	3.61	3.00	5.70	8.00	----
LOYALSOCK VALLEY MILLS Montoursville, Pa.							
Loyalsock Valley Chick Starter (150)	22.38	20.00	3.42	3.00	6.12	7.50	----
Loyalsock Valley Growing Mash (151)	19.31	18.00	3.69	3.50	5.74	7.00	----
Loyalsock Valley Laying Mash (152)	20.06	20.00	3.06	3.00	5.78	7.00	----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

300-4-41

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
LYCOMING MILLS Williamsport, Pa.							
Lycoming Mills Growing Mash (166)	19.56	19.00	4.24	4.00	6.71	8.00	----
Lycoming Mills Laying Mash (167)	20.13	19.00	3.98	3.50	7.17	10.00	----
LYKENS VALLEY ROLLER MILLS Millersburg, Pa.							
Shiffer's Quality Egg Mash ( 5)	20.38	20.00	2.49	2.50	7.11	7.00	----
Shiffer's Quality Growing Mash ( 6)	19.63	18.00	3.03	3.00	6.43	6.00	----
MAHONING VALLEY MILLING COMPANY Punxsutawney, Pa.							
Mahoning Vitamized 20% Laying Mash ( 76)	23.63	20.00	4.19	3.50	5.96	8.00	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
B-B Egg Mash (121)	22.63	20.00	3.48	3.00	4.05	8.00	----
B-B Egg Mash (396)	22.94	20.00	3.00	3.00	4.96	8.00	----
B-B MaCo Complete Growing Ration (395)	20.38	18.00	3.91	2.50	2.72	4.00	----
Dollar Maker Egg Mash (349)	22.63	18.00	3.21	2.50	8.04	8.00	----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Champion Egg Mash (177)	20.63	20.00	3.27	2.50	6.13	7.00	----
Champion Pullat Grower (178)	20.69	18.00	3.77	3.00	5.49	6.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix Egg Mash (459)	22.19	20.00	2.98	2.50	6.05	7.00	----
Master Mix Pullat Grower with Methio-Vite (461)	20.19	18.00	3.29	2.50	*7.71	7.00	----
MIDWAY MILLS Lebanon, Pa.							
Midway Special Broiler Mash ( 55)	22.38	20.00	3.28	3.00	3.92	4.00	----
S. K. MINOR & SON Washington, Pa.							
Minor's Laying Mash (103)	21.38	20.00	3.18	3.00	6.35	8.00	----
Minor's Starter & Grower (104)	19.75	17.00	3.03	3.00	8.08	8.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.							
Starting & Growing Mash ( 36)	23.31	20.00	4.04	3.50	5.76	8.00	----
Super Laying Mash ( 37)	21.94	20.00	4.36	3.50	6.14	8.00	----
GEO. Q. MOON & COMPANY, INC. Binghamton, N. Y.							
Moon Breeder Mash (105)	22.25	22.00	4.46	4.00	7.53	7.00	----
MOYER & SON Souderton, Pa.							
M & S Laying Mash ( 39)	25.88	20.00	4.37	3.50	6.64	7.50	----
M & S Starter & Broiler Nitrosal Mash ( 41)	23.94	21.00	3.58	3.00	2.99	4.75	----
M & S Turkey Growing Mash ( 38)	27.81	26.00	3.59	3.50	6.18	6.50	----
BOB MURRAY'S MILL Beaver Springs, Pa.							
Bob's Best Egg Mash (199)	20.19	20.00	3.36	2.50	4.91	7.00	----
H. W. NEIGER MILLING COMPANY East Springfield, Pa.							
Neiger's Best Laying Mash (586)	19.81	20.00	4.52	3.50	5.39	8.00	----
Neiger's Best Starter & Grower (584)	21.88	18.00	4.01	3.75	5.02	8.00	----
NYCE'S SUPPLY YARDS New Britain, Pa.							
Gilt Edge Chick Starter Mash ( 30)	23.69	20.00	4.09	3.00	4.15	6.00	----
Gilt Edge Growing Mash ( 29)	21.56	18.00	3.94	3.00	4.33	7.50	----
Gilt Edge Laying Mash ( 28)	21.63	20.00	3.42	3.50	5.44	7.50	----

\* Deficient

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
P. J. OESTERLING & SON, INC. Butler, Pa.							
Sun Side 6 V Chick Starter (449)	23.38	20.00	3.78	3.00	6.69	8.00	----
Sun Side Egg Mash No. 1 with Buttermilk (447)	22.13	20.00	4.09	3.00	6.04	8.00	----
Sun Side Growing Mash (245)	26.38	20.00	4.08	3.00	5.99	8.00	----
Sun Side Growing Mash (448)	22.88	20.00	3.82	3.00	7.12	8.00	----
THE PARK & POLLARD COMPANY Buffalo, N. Y.							
Lay or Bust Growing Feed (108)	21.94	18.00	3.78	3.00	5.00	5.50	----
PETERSBURG MILLING COMPANY Bessemer, Pa.							
Pemico Egg Mash (486)	21.19	20.00	3.16	2.50	5.04	7.00	----
PINE RUN FARM SUPPLY COMPANY Doylestown, Pa.							
Pine Run Egg Mash (135)	21.69	20.00	4.68	3.00	7.11	8.00	----
Pine Run Starter Mash (136)	20.50	20.00	3.89	3.00	6.96	8.00	----
PINOLA ELEVATOR COMPANY Shippensburg, Pa.							
Rowe Egg Mash (533)	20.38	20.00	3.67	2.50	4.88	7.00	----
THE QUAKER OATS COMPANY Chicago, Ill.							
Ful-O-Pep Laying Mash (107)	21.88	20.00	3.76	3.00	6.51	8.00	----
Ful-O-Pep Laying Mash (428)	21.13	20.00	3.42	3.00	6.72	8.00	----
RALSTON PURINA COMPANY St. Louis, Mo.							
Chowmix Laying Mash B (310)	18.50	18.00	3.90	3.00	5.79	8.00	----
Chowmix Laying Mash E (74)	18.38	18.00	4.26	3.00	6.09	8.00	----
Chowmix Laying Mash E (471)	18.25	18.00	4.46	3.00	6.70	8.00	----
Purina Broiler Chow Starter MG (420)	22.88	22.00	4.17	3.00	3.75	5.00	----
Purina Layena (Complete Ration) E (502)	18.06	16.00	4.15	2.50	4.02	5.00	----
Purina Turkey Fatena E (503)	17.25	15.50	4.08	2.50	5.23	8.00	----
RED BANK MILLS New Bethlehem, Pa.							
Red Bank Growing Mash (63)	21.75	16.50	3.54	3.00	4.13	8.00	----
Red Bank Laying Mash (60)	21.13	20.00	3.14	3.00	3.83	8.50	----
REED MILLING COMPANY Brookville, Pa.							
Triangle 20% Egg Mash (69)	21.94	20.00	4.51	3.00	6.46	9.00	----
Triangle 18% Growing Mash (68)	19.75	18.00	4.39	3.00	5.80	8.00	----
THE RICHARDS MILLING COMPANY Cortland, O.							
Richards Cash Laying Mash (98)	23.63	20.00	4.06	2.50	6.94	8.00	----
Richards Cash Laying Mash (126)	26.50	20.00	3.83	2.50	5.53	8.00	----
Richards Cash Laying Mash (450)	23.00	20.00	3.93	2.50	6.72	8.00	----
Richards Cash Laying Mash (451)	20.88	18.00	3.93	3.00	7.35	8.00	----
Richards Growing Mash (114)	20.94	18.00	3.94	2.50	7.88	9.00	----
Richards Success Laying Mash (452)	20.19	20.00	4.32	2.50	5.22	6.00	----
RICHFIELD FEED MILL Richfield, Pa.							
Shelly's Golden Laying Mash (205)	21.19	20.00	3.67	4.00	6.59	8.00	----
RICHLAND FEED COMPANY Richlandtown, Pa.							
Richland Egg Mash (148)	20.19	20.00	4.44	3.50	6.71	8.00	----
Richland 18% Starter & Grower (149)	20.63	18.00	4.39	3.50	7.61	8.00	----
H. F. RIESER'S SONS, INC. West Leesport, Pa.							
Rieser's Hi-Vite Egg Breeder Mash (255)	23.38	21.00	3.82	3.50	5.75	7.00	----
Rieser's Hi-Vite Growing Mash (254)	22.19	20.00	3.97	3.50	5.34	7.00	----

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. S. RILEY & COMPANY New Castle, Pe.								
Pioneer Laying Mesh "Super"	(469)	22.13	20.00	4.23	4.00	5.51	8.00	----
ROHM'S FEED MILL Breezewood, Pe.								
Egg Producer Laying Mash	(191)	22.88	20.00	4.04	4.00	5.61	7.50	----
ROUX FEED MILLS Sharon, Pe.								
Roux Egg Mesh	(222)	19.63	20.00	5.24	3.00	3.86	6.00	----
SACRAMENTO ROLLER MILLS Sacramento, Pe.								
Sacromill Egg Mash	(299)	21.63	20.00	3.68	3.00	5.83	7.00	----
SCRANTON FLOUR & GRAIN COMPANY Scranton, Pe.								
Penn State Laying Mash	(123)	24.19	20.00	6.17	5.00	5.21	7.00	----
SHELLY BROTHERS Perkasie, Pe.								
Shelly Bros. Queliity Broiler Mash	(144)	21.19	19.00	5.23	3.00	4.48	7.00	----
Shelly Bros. Quality Growing Mash	(145)	19.19	20.00	4.64	3.50	6.71	6.50	----
Shelly Bros. Queliity Laying Mash	(146)	20.81	20.00	5.11	3.50	7.67	8.00	----
SHOHOLA FEED & GRAIN COMPANY Shohole, Pe.								
Super Egg Producer	(372)	20.13	20.00	4.25	3.50	5.21	6.00	----
SMITH'S FEED MILLS Blein, Pe.								
Blue Ribbon Egg Mesh	(211)	20.38	20.00	3.02	2.50	4.80	7.00	----
SNOOK'S MILL Mifflinburg, Pe.								
Just Right Breeder Mash	(218)	20.19	20.00	4.09	4.00	6.36	8.00	----
ESTATE OF GEO. S. SNYDER, INC. Hetfield, Pe.								
Snyder's Egg Mesh	( 31)	20.00	18.00	*3.48	4.00	7.36	8.00	----
Snyder's Growing Mash	( 33)	18.13	17.00	3.63	4.00	8.62	8.00	----
SOMERSET MILLING COMPANY Somerset, Pa.								
Just Right 20% Laying Mash	(424)	19.69	20.00	3.81	3.50	6.48	8.00	----
SPRING GARDEN MILL Newtown, Pe.								
Spring Garden Breeder Mash	( 50)	23.69	20.00	4.94	4.50	6.76	7.00	----
Spring Garden Egg Mash	( 49)	22.44	20.00	4.42	4.50	5.44	7.00	----
S & R FEED COMPANY Quakertown, Pe.								
S & R All Purpose Mash	(281)	19.06	18.00	3.67	3.00	8.90	9.00	----
S & R Growing Mash	(282)	21.00	18.00	3.99	3.00	5.50	8.00	----
S & R Laying Mash	(280)	21.81	20.00	3.89	3.00	5.85	8.00	----
R. E. STAHL & SONS Milton, Pe.								
Stahl's Egg Mesh	(316)	19.81	18.00	4.47	3.50	5.38	8.00	----
LEROY T. STAMMEL Harrisburg, Pe.								
Stammel's Egg Mash	( 26)	22.56	20.00	4.03	3.50	5.58	8.00	----
STARNER GRAIN & FEED Hampton, Pe.								
Ster Brend Broiler Mash	(527)	22.50	20.00	3.24	3.00	4.18	4.00	----
Ster Brend Laying Mesh	(525)	20.94	20.00	3.28	3.00	6.17	7.00	----

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
B. S. STAUFFER & SON Lawn, Pa.								
Blue Bird 20% Chick Starter	( 17)	22.44	20.00	4.38	3.50	4.79	6.50	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's Chick Starter	(273)	23.25	20.00	4.31	3.50	6.54	6.50	----
Stover's Diamond Growing Mash	(276)	23.00	19.00	4.82	3.50	4.06	6.50	----
STUDEBAKER & FAWCETT Enon Valley, Pa.								
Valley Chick Starter & Grower	(485)	24.69	20.00	3.72	3.00	6.06	10.00	----
Valley 19% Laying Mash	(484)	22.56	19.00	3.28	3.00	6.47	10.00	----
THOMPSON & MATEJA West Middlesex, Pa.								
T & M Egg Mash	(240)	21.69	20.00	3.03	2.50	5.08	7.00	----
T & M Special Broiler Mash	(239)	22.00	20.00	3.44	3.00	3.80	4.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Thriftree Growing Mash	( 42)	20.50	20.00	4.45	2.50	6.57	8.00	----
TIOGA MILLS, INCORPORATED Waverly, N. Y.								
Egatine	(402)	23.88	23.00	4.02	2.50	4.63	6.50	----
Egatine	(539)	24.31	23.00	4.23	2.50	4.04	6.50	----
Breedertine	(403)	21.00	20.00	3.85	2.50	4.78	6.50	----
JACOB TRINLEY & SONS Linfield, Pa.								
Trinley's Limerick Laying Mash	(437)	20.13	18.00	3.37	3.50	6.46	8.00	----
Trinley's Real Chick Starter	(132)	20.25	20.00	4.89	3.00	6.19	7.00	----
Trinley's Real Egg & Breeder Mash	(438)	19.13	20.00	4.49	3.00	6.42	7.00	----
Trinley's Turkey Grower	(131)	22.44	20.00	6.07	2.50	*5.39	4.50	----
Trinley's Turkey Grower	(439)	22.31	20.00	4.52	2.50	*4.99	4.50	----
ULSH'S FEED STORE & HATCHERY Port Trevorton, Pa.								
Ulsh's Winner Breeder & Egg Mash	(208)	20.31	20.00	3.25	2.50	5.12	7.00	----
Ulsh's Winner Growing Mash	(209)	19.88	18.00	3.64	3.00	5.52	6.00	----
WILLIAM UMBERGER COMPANY Lebanon, Pa.								
Umberger's Growing Mash	( 16)	19.75	18.00	3.94	3.00	5.57	7.00	----
VANDERVORT MILLS, INC. Laceyville, Pa.								
Ultra-Lifed B. O. Mash	(401)	21.63	20.00	4.31	3.00	6.46	7.00	----
C. Y. WAGNER & COMPANY, INC. Bellefonte, Pa.								
Wagner's Poultry Mash	(193)	19.38	20.00	3.94	4.00	4.56	6.50	----
Wagner's Starter & Grower Mash	(197)	19.94	20.00	4.00	4.00	5.96	6.50	----
C. L. WALKER & SONS Elizabethville, Pa.								
Walker's Egg Mash	( 12)	21.56	20.00	3.76	4.00	6.31	8.00	----
Walker's Starter Mash	( 13)	20.13	18.00	3.94	3.50	6.32	8.00	----
THE WAYNESBURG MILLING COMPANY Waynesburg, Pa.								
Wayco Broiler Mash	( 93)	23.44	21.00	4.09	3.25	*5.64	5.00	----
WOODBURY MILLING COMPANY Woodbury, Pa.								
Crown 16% Laying Mash	(182)	17.50	16.00	3.57	3.25	6.86	8.00	----
C. E. WOOLEVER Catawissa, Pa.								
Millgrove Chief Egg Mash	(303)	21.88	20.00	3.31	2.50	5.21	7.00	----
Millgrove Chief Pullet Grower	(304)	20.38	18.00	3.25	2.50	5.34	7.00	----

\* Deficient



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
YOCUM FARM SUPPLY Allenwood, Pa.								
Yocum's Growing Mash	(216)	18.31	18.00	3.43	3.00	5.78	7.50	----
F. S. YOST'S SON Pleasant Valley, Pa.								
Yost's 20% Laying Mash	(283)	21.38	20.00	3.78	3.00	6.97	8.00	----
Yost's S. P. Mash	(284)	19.69	18.00	3.64	3.50	5.69	7.00	----
Yost's Starter & Grower	(285)	21.38	20.00	3.93	3.50	5.73	7.50	----
ZORTMAN FLOUR & FEED COMPANY Edinboro, Pa.								
Better Laying Mash	(576)	20.81	18.00	3.15	3.50	6.72	8.00	----
Better Starting & Growing Mash	(579)	20.81	18.00	3.21	3.50	5.74	7.00	----
Average		21.38		3.91		5.81		
<u>SCRATCH FEEDS</u>								
EZZ. DUNWOODY COMPANY Philadelphia, Pa.								
Super X Chick Grains	(328)	12.38	10.00	4.09	3.00	2.04	3.00	----
Super X Intermediate Chick Grains	(341)	11.75	10.00	3.55	3.00	2.46	3.00	----
Super X Scratch Feed	(340)	10.88	10.00	3.09	3.00	4.77	4.50	----
H. H. MILLER Harrisburg, Pa.								
Mixed Grain for Poultry	( 25)	11.38	9.00	2.31	2.00	2.63	4.00	----
Average		11.60		3.26		2.98		
<u>SMALL ANIMAL FEEDS</u>								
<u>CAT FOODS</u>								
GENERAL FOODS CORPORATION Boston, Mass.								
Jack & Jill Cat Food	(556)	16.74	14.00	0.90	0.25	0.11	0.25	----
Jack & Jill Cat Food	(557)	17.93	17.00	0.49	0.25	0.11	0.25	----
RIVAL PACKING COMPANY Chicago, Ill.								
Rival Cat Food	(555)	11.82	12.00	1.39	2.00	0.86	1.50	----
Average		15.47		0.93		0.36		
<u>DOG FOODS</u>								
ALBERS MILLING COMPANY Los Angeles, Calif.								
Friskies Dog Food	(541)	10.28	10.00	4.49	2.50	0.53	1.00	----
ALLEN PRODUCTS COMPANY Allentown, Pa.								
Al-Po Dog Food (Horsemeat Ration)	(554)	17.94	14.50	8.20	2.00	0.18	1.50	----
R. S. ALTMAN Irwin, Pa.								
Altman's Super A Dog Food	( 2)	26.19	25.00	4.47	4.00	3.61	6.00	----
AMERICAN STORES COMPANY Philadelphia, Pa.								
Play Boy Beef Ration Dog Food	(294)	13.58	15.00	16.67	3.00	0.22	1.50	----
APOLLO MILLING COMPANY Apollo, Pa.								
Apollo's Best Dog & Puppy Food	( 72)	22.56	22.50	3.82	4.00	3.67	6.00	----

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ARMOUR & COMPANY Chicago, Ill.								
Dash Armour Dog Food	(548)	11.70	10.50	2.96	2.50	0.49	1.00	----
ATLAS CANNING COMPANY Glendale, Long Island, N. Y.								
Laddie Boy Dog Food (Pure Ground Beef)	(552)	*12.96	16.00	18.06	2.50	0.21	1.00	----
Laddie Boy Dog Food (Pure Ground Horsemeat)	(551)	14.62	16.00	15.51	2.00	0.14	1.00	----
J. F. BIESECKER & SONS Thomasville, Pa.								
Yorco Dog Ration	(515)	26.88	25.00	6.51	4.50	3.33	3.50	----
THE ALBERT H. BUEHRLE COMPANY Youngstown, O.								
Pro Vita-Min Dog Ration	(487)	24.69	23.00	4.04	4.00	4.27	4.00	----
CHAMPION ANIMAL FOOD COMPANY Minneapolis, Minn.								
Champion Dog Snax	(561)	28.63	25.00	3.51	3.50	2.04	3.00	----
DOYLE PACKING COMPANY Long Branch, N. J.								
Strongheart Dog Food	(553)	10.43	8.00	2.21	2.00	0.90	1.50	----
R. T. FRENCH COMPANY Rochester, N. Y.								
Klix Dog Candy	(563)	29.38	25.00	14.61	12.00	3.01	5.00	----
GENERAL FOODS CORPORATION Kankakee, Ill.								
Gaines Homogenized Dog Meal	(559)	26.50	25.00	5.59	6.00	3.53	5.00	----
HARTZ MOUNTAIN PRODUCTS New York, N. Y.								
Dog Yummies	(564)	31.06	25.50	7.71	2.40	1.90	5.90	----
KASCO MILLS, INCORPORATED Waverly, N. Y.								
Kasco Dog Ration	(546)	9.43	10.00	2.96	2.00	0.95	1.50	----
KELLOGG COMPANY Battle Creek, Mich.								
Gro-Pup T-Bone Form Dog Biscuit	(560)	28.69	24.00	3.67	3.50	3.41	5.00	----
S. E. MIGHTON & COMPANY Bedford, O.								
Pet Dog Food	(550)	9.85	10.00	2.31	2.00	0.54	1.00	----
JOHN MORRELL & COMPANY Ottumwa, Iowa								
Red Heart Dog Food Diet A	(549)	12.37	10.50	2.59	2.50	0.62	1.00	----
NATIONAL BISCUIT COMPANY New York, N. Y.								
Milk-Bone Tiny Bits	(562)	24.06	21.00	3.16	2.00	1.76	2.50	----
Pal Dog Biscuit	(566)	22.50	18.50	2.27	1.50	1.90	2.50	----
QUAKER CITY PACKING COMPANY INCORPORATED Allentown, Pa.								
Quaker City Beef All Meat Dog Food	(567)	*12.26	15.00	10.96	6.00	0.10	1.00	----
THE QUAKER OATS COMPANY Chicago, Ill.								
Chappel (Horsemeat)	(558)	18.10	15.00	9.35	10.00	0.12	1.00	----
Ken-L-Ration	(542)	10.82	10.00	6.15	2.50	0.52	1.00	----

\* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. S. RILEY & COMPANY New Cestle, Pe.								
Tri Blend Dog Food	( 3 )	29.00	24.00	8.03	6.00	2.70	6.00	----
RIVAL PACKING COMPANY Chicego, Ill.								
Rivel Dog Food	(545)	12.60	12.50	2.96	2.50	0.77	1.00	----
S.PORT PACKING COMPANY Altoone, Pe.								
S.Port Dog Food	(543)	11.32	11.50	4.00	3.50	0.60	1.00	----
SUNSHINE BISCUITS, INCORPORATED New York, N. Y.								
Austin's Dog Food	(565)	24.06	22.00	3.15	2.50	3.66	4.50	----
SWIFT & COMPANY Chicego, Ill.								
Perd Swift's Dog Food	(544)	11.39	10.50	5.84	2.50	0.43	1.00	----
WILSON & COMPANY Chicego, Ill.								
Ideal Dog Food	(547)	10.62	10.00	4.05	2.00	0.49	1.00	----
Average		18.48		6.33		1.55		
<u>PIGEON FEEDS</u>								
EZL. DUNWOODY COMPANY Philedelphie, Pe.								
Ace Pigeon Feed	(329)	11.94	10.00	2.91	2.50	2.84	4.50	----
THE PHILADELPHIA SEED COMPANY INCORPORATED Philedelphie, Pe.								
Purgrein Breeding Feed	(336)	14.75	13.50	3.37	2.50	3.12	5.00	----
Purgrein Conditioning Feed	(325)	16.69	14.00	3.67	3.00	4.08	5.00	----
Purgrein Flying Feed	(337)	15.25	13.00	3.01	3.00	3.52	5.00	----
Purgrein Pigeon Feed No. 1	(334)	14.69	11.20	2.98	2.00	2.51	4.00	----
Purgrein Pigeon Feed No. 2	(322)	13.50	12.30	3.08	2.00	2.73	4.00	----
Purgrein Pigeon Feed No. 3	(335)	14.50	13.30	2.59	2.00	2.41	4.00	----
Purgrein Pigeon Feed No. 4	(323)	13.56	12.50	3.34	2.00	2.48	4.00	----
Purgrein Special Recing Feed	(324)	20.13	18.00	2.11	1.50	4.80	4.50	----
BEN ROSENBERG, INCORPORATED Philedelphie, Pa.								
Pride of Phile. Breeding Pigeon Feed	(330)	12.88	11.75	3.67	2.00	2.45	4.25	----
Pride of Phile. N.P. Pigeon Feed	(331)	12.56	10.40	3.45	1.75	2.60	3.75	----
Pride of Phile. N.P. Special Pigeon Feed	(318)	12.69	10.40	3.31	1.75	2.42	3.75	----
Pride of Phila. No. 2 Pigeon Feed	(319)	13.56	10.50	3.00	2.00	3.53	4.80	----
Pride of Phile. No. 3 Pigeon Feed	(333)	16.06	13.15	3.16	2.65	2.13	4.70	----
Pride of Phila. No. 5 Pigeon Feed	(332)	16.44	14.40	3.09	1.75	2.72	4.60	----
Pride of Phile. Recing Pigeon Feed	(320)	20.94	13.00	1.93	1.75	3.59	5.00	----
Pride of Phila. Y.B.R. & Condition- ing Pigeon Feed	(321)	17.44	12.65	2.69	1.40	3.86	5.15	----
Average		15.15		3.02		3.04		
<u>RABBIT FEEDS</u>								
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro Surerebbit	(343)	18.44	15.00	3.76	2.00	14.64	19.00	----
HARPER FEED MILLS, INC. Weshington, Pe.								
Herco Rebbit Feed (Pelleted)	(454)	20.75	15.00	3.98	3.00	9.34	12.00	----
Average		19.60		3.87		11.99		

\* Deficient

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500-4-44

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION	
	Found	Guar.	Found	Guar.	Found	Guar.		
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.		
<u>STEER FEEDS</u>								
RALSTON PURINA COMPANY St. Louis, Mo.								
Purina Beef Chow	(419)	33.63	32.00	2.49	2.50	6.10	8.00	----
Purina Beef Chow	(500)	34.94	32.00	2.38	2.50	6.04	8.00	----
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Sacromill Steer Feed	(298)	13.31	10.00	4.08	3.00	6.23	12.00	----
Average		27.29		2.98		6.12		
<u>SWINE CONCENTRATES</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Hog Balancer	(237)	39.31	35.00	2.64	1.50	4.92	8.00	----
Wayne Hog Supplement	(491)	41.63	40.00	3.03	1.50	5.08	6.00	----
BECK'S FEED & GRAIN SERVICE Kutztown, Pa.								
Back's Hog Supplement	(247)	35.75	40.00	5.91	5.00	6.98	5.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N.Y.								
40% Hog Supplement	(572)	41.19	40.00	4.69	2.00	6.63	7.00	----
MAUSER MILL COMPANY Palmerton, Pa.								
Mauser's Markitop Hog Concentrate	(387)	34.13	30.00	3.32	3.00	5.02	5.00	----
RED BANK MILLS New Bethlehem, Pa.								
Red Bank 40% Hog Concentrate	( 64)	43.63	40.00	2.73	3.00	4.33	8.50	----
Average		39.27		3.72		5.49		
<u>SWINE FEEDS</u>								
ABERDEEN MILLS Elizabethtown, Pa.								
Aberdeen Pig & Hog Feed	( 22)	17.00	16.00	3.47	4.00	7.78	8.00	----
R. S. ALTMAN Irwin, Pa.								
Altman's Hog Feed	(172)	18.19	15.00	3.73	3.00	7.91	8.00	----
Altman's Hog Feed	(430)	17.50	15.00	3.23	3.00	7.58	8.00	----
A. J. BALSHI, INCORPORATED Catawissa, Pa.								
Must Gro 15% Hog Feed	(306)	17.06	15.00	4.20	3.00	5.72	5.50	----
BARE MILLING COMPANY Roaring Spring, Pa.								
Sterling Pig & Hog Meal	(174)	18.31	16.00	3.99	3.00	5.84	9.00	----
BARLIEB'S FEED & GRAIN SERVICE Kunkletown, Pa.								
Barlieb's Hog Feed	(385)	20.56	17.00	4.28	3.50	6.18	7.50	----
BENFER FLOUR & FEED MILL Beavertown, Pa.								
Snook's Just Rite Pig-N-Hog Ration	(200)	18.31	18.00	3.36	3.50	5.18	7.50	----
WILLIAM H. BOHNER Pillow, Pa.								
Bohner's Pig Meal	( 9)	18.13	16.00	4.02	4.00	6.05	8.00	----
* Deficient								

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MANUFACTURER AND BRAND NAME			PROTEIN		FAT		FIBER		COMPOSITION
			Found	Guar.	Found	Guar.	Found	Guar.	
			P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
GURNEY D. BRANDT Lebanon, Pe.									
Brandt's Hog Meal	( 21 )	15.19	15.00	3.08	3.00	5.67	7.00	----	
HAROLD C. BRANDT Annville, Pe.									
Blue Ribbon Pig & Hog Meal	( 14 )	17.00	16.00	4.91	4.00	5.93	8.00	----	
V. Y. BRANDT East Berlin, Pe.									
Brandt's Pig & Hog Meal	(521)	17.81	18.00	3.88	4.00	4.74	7.00	----	
JOHN S. BROWN'S SON New Castle, Pe.									
Our Queliity Pig Retion	(475)	17.69	16.50	*3.98	4.50	4.42	5.60	----	
BUCKEYE FEED MILLS, INC. Dalton, O.									
Buckeye 14% Prosperity Hog Meal	( 58 )	17.06	14.00	3.89	3.00	5.44	9.00	----	
C. A. CLABAUGH & SON Everett, Pa.									
Hog Feed	(188)	12.19	11.00	3.20	2.50	9.11	11.00	----	
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.									
20% Sow & Pig Feed	(232)	21.19	20.00	3.91	3.50	5.19	6.00	----	
IRWIN K. CURRY Swetare Station, Pa.									
Swatera 16% Hog Feed	( 19 )	20.19	16.00	3.22	3.00	6.53	8.50	----	
JOHN K. CURRY & SONS Palmyre, Pa.									
Curry's Hog Feed	( 18 )	17.69	16.00	3.47	3.50	7.43	8.00	----	
DARLINGTON MILLING COMPANY Darlington, Pe.									
Dermico Hog	(482)	15.56	15.00	4.39	4.00	4.76	6.50	----	
DAVIS FEED MILL Rushland, Pe.									
Davis Pig Feed	( 47 )	17.19	15.00	3.49	3.50	6.87	7.00	----	
DEAN & LEE Horseheads, N. Y.									
Pioneer Hog Retion	(410)	23.81	17.00	3.97	3.50	6.13	10.00	----	
DIAMOND MILLING COMPANY, INC. New Brighton, Pe.									
Diamond Pig & Hog Meal	(477)	17.63	16.00	4.06	3.00	5.88	6.50	----	
E.L.M. FEED STORES Greencastle, Pe.									
E.L.M. Hog Retion	(537)	18.00	15.00	3.15	3.50	5.63	9.00	----	
E.L.M. Sure Curl Pig Meal	(538)	20.69	18.00	3.77	3.00	5.98	7.00	----	
JOHN W. ESHELMAN & SONS Lancaster, Pa.									
Eshelman Red Rose Hog Meal	(495)	19.13	16.00	5.04	3.50	7.38	8.00	----	
FEHNEL'S FEED & GRAIN SERVICE Bath, Pa.									
Fehnel's Feed & Grain Service	(388)	13.44	14.00	3.17	2.50	*9.76	8.00	----	
GENERAL MILLS, INCORPORATED Minneapolis, Minn.									
Larro Surehog	(344)	19.88	17.00	4.14	3.00	4.73	6.00	----	

\* Deficient

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
GENTZLER GRAIN & FEED COMPANY East Berlin, Pa.								
G. & G. Pig & Hog Meal	(518)	16.19	16.00	3.43	3.00	8.77	8.00	----
GREENE COUNTY FARMERS EXCHANGE Waynesburg, Pa.								
Champion Pig & Hog Meal	( 95)	22.19	15.00	3.84	3.50	5.31	9.00	----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.								
Perfection Pig Feed	(272)	17.81	16.50	4.08	3.00	5.51	6.00	----
THE HERRMAN-MCLEAN COMPANY Cleveland, O.								
Sunshine Pork Maker	( 67)	18.19	15.00	3.17	3.00	5.78	8.00	----
Sunshine Pork Maker	(353)	19.81	15.00	3.55	3.00	5.88	8.00	----
HORST'S MILLS Lebanon, Pa.								
Horst's Mill Pig Feed	( 51)	16.25	17.00	3.52	3.50	4.63	6.00	----
HUNTSINGER'S MILL Hegins, Pa.								
Quality Hog Feed	(297)	20.25	18.00	4.13	3.50	*5.65	5.00	----
KEEBLERS FEED & FARM SUPPLIES Montoursville, Pa.								
Keeblers Pig & Hog Meal	(157)	18.44	15.00	4.19	3.00	6.59	6.00	----
KEYSTONE MILL Williamsburg, Pa.								
Keystone Pig & Hog Meal	(184)	17.31	18.00	3.48	3.50	4.75	8.00	----
KIEFER BROTHERS Hegins, Pa.								
Kiefer's Premium Sow Feed	(301)	16.88	15.00	3.54	3.00	4.04	5.50	----
C. R. KLINGLER Middlecreek, Pa.								
K Pig Grower	(203)	18.69	18.00	3.69	3.50	6.83	7.00	----
H. B. KRATZ & SONS Schwenksville, Pa.								
Ideal Pig & Hog Feed	(290)	19.69	17.00	*3.48	4.00	7.37	8.00	----
LANEY'S FEED MILL Huntingdon, Pa.								
Laney's Pig & Hog Meal	(185)	16.88	16.00	3.74	3.50	7.66	11.00	----
GEORGE W. LILLICH & SON Abbottstown, Pa.								
Lillich's Hog Ration	(529)	16.06	16.00	3.87	3.50	5.94	8.00	----
WALTER K. LONG Center Valley, Pa.								
High Standard Pig & Hog Feed	(279)	18.63	17.00	4.09	3.75	6.47	7.75	----
LYCOMING MILLS Williamsport, Pa.								
Hog Meal	(168)	14.81	15.00	4.92	3.50	8.56	12.00	----
LYKENS VALLEY ROLLER MILLS Millersburg, Pa.								
Shiffer's Quclity Pig & Hog Meal	( 4)	15.56	16.00	3.14	3.00	6.83	8.50	----
MAHONING VALLEY MILLING COMPANY Punxsutawney, Pa.								
Mahoning Pig & Hog Feed	( 75)	18.19	18.00	4.27	3.50	6.88	8.50	----
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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
Hi-Test Hog Feed	(348)	17.25	14.00	3.41	3.50	7.78	8.00	----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Champion Hog Meal	(179)	16.63	16.00	2.81	3.00	*7.80	6.50	----
MAZEPPA MILLS Lewisburg, Pe.								
Bob White Hog Feed	(215)	17.81	16.00	*3.73	4.50	6.00	5.50	----
MIFFLINBURG FARMERS EXCHANGE Mifflinburg, Pe.								
Farmers Hog Ration	(220)	17.06	14.00	3.61	3.00	5.01	6.00	----
BOB MURRAY'S MILL Beaver Springs, Pa.								
Bob's Best Pig Starter & Grower	(198)	18.44	16.50	4.29	3.00	5.77	6.00	----
H. W. NEIGER MILLING COMPANY East Springfield, Pa.								
Neiger's Pig & Sow Meal	(583)	17.31	16.00	3.63	3.00	4.50	8.50	----
PINE RUN FARM SUPPLY COMPANY Doylestown, Pe.								
Pine Run Hog Feed	(138)	20.38	15.00	3.56	3.00	6.22	8.00	----
PINOLA ELEVATOR COMPANY Shippensburg, Pe.								
Rowe Pig Meal	(534)	18.94	16.50	3.71	3.00	4.24	6.00	----
POTTSTOWN ROLLER MILLS Pottstown, Pe.								
Pig & Hog Feed	(129)	18.50	15.50	3.64	3.50	6.46	7.50	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Chowmix Hog Feed D	(472)	17.50	13.00	4.96	3.00	5.66	7.00	----
Chowmix Sow & Pig Feed	(54)	16.00	14.00	3.50	3.50	4.83	7.00	----
Chowmix Sow & Pig Feed	(473)	18.13	14.00	4.91	3.50	6.26	7.00	----
Purine Complete Sow & Pig Chow E	(499)	19.75	16.00	4.14	2.50	4.84	6.00	----
REED MILLING COMPANY Brookville, Pe.								
Triangle 16% Pig & Hog Meal	( 70)	18.50	16.00	4.39	3.00	6.36	8.00	----
RICHLAND FEED COMPANY Richlandtown, Pa.								
Richland 16% Pig Meal	(147)	18.31	16.00	4.78	3.50	6.84	7.00	----
J. S. RILEY & COMPANY New Castle, Pa.								
Pioneer Hog Feed	(468)	21.50	17.00	4.38	3.00	4.97	8.00	----
ROHM'S FEED MILL Breezewood, Pe.								
Pig & Hog Feed	(192)	20.25	18.00	3.96	4.00	5.11	12.00	----
ROUX FEED MILLS Sharon, Pe.								
Roux Pig Meal	(226)	*12.00	15.00	5.16	3.00	7.74	10.00	----
SACRAMENTO ROLLER MILLS Sacramento, Pe.								
Secromill Hog Feed	(300)	16.63	17.00	4.62	3.00	5.65	7.00	----
H. K. SHENK Sheridan, Pe.								
Shenk's Markitop Pig & Hog Feed	( 56)	17.63	15.00	4.76	3.00	6.17	8.00	----

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CLARENCE M. SHUEY Annville, Pa.								
Shuey's Hog Feed	( 10)	15.06	14.00	3.61	3.00	3.52	7.00	----
SNYDER BROTHERS Bethlehem, Pa.								
Tip Top Hog Feed	(371)	16.00	16.00	3.21	3.00	6.55	8.00	----
SOMERSET MILLING COMPANY Somerset, Pa.								
Just Right Pig & Hog Meal	(421)	19.75	15.00	3.86	4.00	*6.82	6.00	----
R. E. STAHL & SONS Milton, Pa.								
Stahl's Pig Meal	(317)	17.50	18.00	3.91	3.50	5.34	5.00	----
LEROY T. STAMMEL Harrisburg, Pa.								
Stammel's Pig Meal	( 27)	16.94	17.00	3.15	3.00	4.32	7.00	----
STARNER GRAIN & FEED Hampton, Pa.								
Ster Brand Pig & Hog Feed	(526)	17.38	16.00	3.43	3.50	5.39	7.00	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's Pig Feed	(274)	17.19	16.00	4.64	3.50	6.83	8.00	----
STRAUBY'S RELIABLE FLOUR & FEED MILL Weissport, Pa.								
Reliable Hog Meal	(386)	17.63	16.00	4.50	4.00	7.36	8.50	----
TRADER'S FLOUR & FEED COMPANY East Stroudsburg, Pa.								
Treder's Hog Meal	(384)	16.19	16.00	3.44	3.50	5.89	7.00	----
C. Y. WAGNER & COMPANY, INC. Bellefonte, Pa.								
Wagner's Pig Meal	(195)	20.94	18.00	4.54	4.00	5.53	8.00	----
C. L. WALKER & SONS Elizabethtown, Pa.								
Walker's Pig Meal	( 11)	18.19	16.50	4.09	3.00	6.67	9.00	----
THE WAYNESBURG MILLING COMPANY Waynesburg, Pa.								
Wayco Pig & Hog Feed	( 94)	18.56	16.00	3.61	3.50	5.14	7.00	----
WHITEHILL FEED Somerset, Pa.								
Whitehill Hog Fettener	(426)	16.44	14.00	3.79	2.50	5.87	8.00	----
WOODBURY MILLING COMPANY Woodbury, Pa.								
"Eat Mor" Pig & Hog Ration	(181)	16.56	14.00	3.93	3.00	7.81	10.00	----
ZECHMAN'S FLOUR MILLS Pottsgrove, Pa.								
Zechman's Pork Producer	(315)	15.69	15.00	3.32	3.00	5.61	7.00	----
Average		17.81		3.87		6.17		

\* Deficient

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	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MISCELLANEOUS FEEDS</u>							
ALLIED MILLS, INCORPORATED Chicago, Ill.							
June Pasture (Alfalfa Meal and Beet Molesses) (492)	17.00	10.00	1.78	0.50	13.70	26.00	----
DAILEY MILLS, INCORPORATED Olaan, N. Y.							
Double Diamond Hi Cal Body Buildar (360)	15.50	14.00	3.98	3.25	7.34	7.50	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.							
Larro Suralift (Antibiotic Mix) (589)	24.50	20.00	4.08	2.50	4.85	7.00	----
MCMILLEN FEED MILLS Fort Weyna, Ind.							
Mestar Soy (Soybaan Oil Meal, Minarels & Molesses) (238)	40.75	40.00	0.79	0.50	5.88	6.50	----
ROBERT A. REICHARD, INC. Allentown, Pa.							
Sterilized Staam Bone Feeding (382)	7.38	5.00	0.33	0.20	4.26	4.00	----
SEGAL'S FEED & SUPPLY COMPANY Philadelphia, Pa.							
Supreme Fetternar (326)	14.50	14.00	3.31	3.00	7.11	8.00	----
Supreme Station Pellets (338)	16.69	15.00	3.51	3.00	6.57	7.00	----
Average	19.47		2.54		7.10		

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